

In the Application of:

SCHMAUS et al.

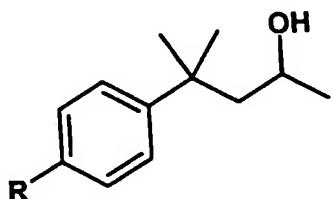
Serial No.: 10/790,770

IN THE CLAIMS:

1. – 4. (Cancelled)

1. (Allowed) Method for the cosmetic and/or therapeutic treatment of (a) microorganisms causing dandruff, (b) microorganisms causing body odour, (c) microorganisms causing acne and/or (d) microorganisms causing mycoses, comprising:

topically applying to a human or animal body suffering from (a) microorganisms causing dandruff, (b) microorganisms causing body odour, (c) microorganisms causing acne and/or (d) microorganisms causing mycoses, an antimicrobially active amount of one or more compounds of the Formula 1



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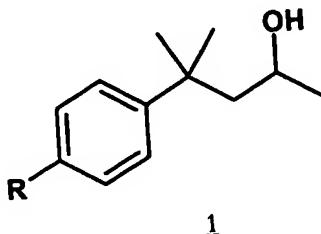
wherein R = hydrogen, hydroxyl, alkoxy group with up to 10 C atoms, straight-chain or branched, saturated or unsaturated alkyl with up to 10 C atoms, alkylthioether group with up to 10 C atoms, the alkylthioether group being bonded to the aromatic ring via a thioether bridge, fluorine, chlorine, bromine, iodine, or alkyl with up to 10 C atoms that is interrupted by one or more oxygen and/or sulphur atoms.

6. (Cancelled)

7. (Cancelled)

2. (Amended) A method for controlling microorganisms according to claim 3 by applying said antimicrobially active compound to a microbial population comprising microorganisms that cause dandruff an antimicrobially active composition that comprises a compound according to Formula 1

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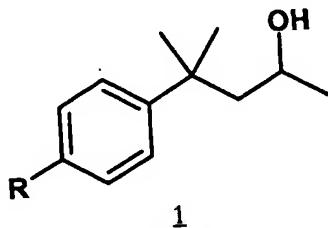


where R =

- hydrogen,
- hydroxyl,
- alkoxy group with up to 10 C atoms,
- straight-chain or branched, saturated or unsaturated alkyl with up to 10 C atoms,
- alkylthioether group with up to 10 C atoms, the alkylthioether group being bonded to the aromatic ring via a thioether bridge,
- fluorine, chlorine, bromine, iodine, or
- alkyl with up to 10 C atoms that is interrupted by one or more oxygen and/or sulphur atoms.

3
6. (Amended) A method for controlling microorganisms according to claim 3 by applying said antimicrobiologically active compound to a microbial population comprising microorganisms that cause body odour an antimicrobiologically active composition that comprises a compound according to

Formula 1



where R =

- hydrogen,
- hydroxyl,
- alkoxy group with up to 10 C atoms,
- straight-chain or branched, saturated or unsaturated alkyl with up to 10 C atoms,

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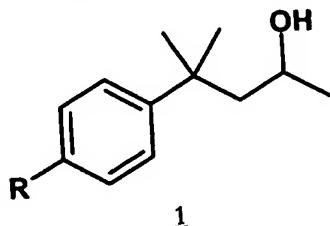
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- alkylthioether group with up to 10 C atoms, the alkylthioether group being bonded to the aromatic ring via a thioether bridge,
- fluorine, chlorine, bromine, iodine, or
- alkyl with up to 10 C atoms that is interrupted by one or more oxygen and/or sulphur atoms.

4
10. (Amended) A method for controlling microorganisms according to claim 3 or 9 by applying said antimicrobially active compound to a microbial population comprising microorganisms that grow anaerobically aerobically.

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11. (Amended) A method according to claim 10 wherein said for controlling microorganisms by applying to a microbial population that comprises Propionibacterium acnes an antimicrobially active composition that comprises a compound according to Formula 1



where R =

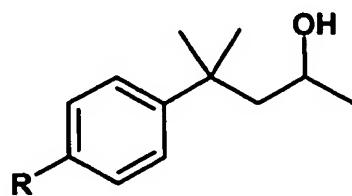
- hydrogen,
- hydroxyl,
- alkoxy group with up to 10 C atoms,
- straight-chain or branched, saturated or unsaturated alkyl with up to 10 C atoms,
- alkylthioether group with up to 10 C atoms, the alkylthioether group being bonded to the aromatic ring via a thioether bridge,
- fluorine, chlorine, bromine, iodine, or
- alkyl with up to 10 C atoms that is interrupted by one or more oxygen and/or sulphur atoms.

6
12. (Amended) A method for controlling microorganisms according to claim 3 by applying said antimicrobially active compound to a microbial population comprising microorganisms that cause mycoses an antimicrobially active composition that comprises a compound according to Formula 1

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where R =

- hydrogen,
- hydroxyl,
- alkoxy group with up to 10 C atoms,
- straight-chain or branched, saturated or unsaturated alkyl with up to 10 C atoms,
- alkylthioether group with up to 10 C atoms, the alkylthioether group being bonded to the aromatic ring via a thioether bridge,
- fluorine, chlorine, bromine, iodine, or
- alkyl with up to 10 C atoms that is interrupted by one or more oxygen and/or sulphur atoms.

13. (Cancelled)

14. (Cancelled)

7
15. (Amended) A method according to claim 3 9 wherein R = hydrogen.

16. (Cancelled)

8
17. (Allowed) A method according to claim 5 wherein R = hydrogen.

18. (Cancelled)

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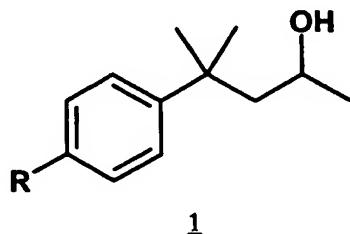
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19. (Amended) A deodorant comprising the antimicrobial composition of claim 6. the following components:

(a) an antimicrobially active amount of one or more compounds of the Formula 1



where R =

- hydrogen,
- hydroxyl,
- alkoxy group with up to 10 C atoms,
- straight-chain or branched, saturated or unsaturated alkyl with up to 10 C atoms,
- alkylthioether group with up to 10 C atoms, the alkylthioether group being bonded to the aromatic ring via a thioether bridge,
- fluorine, chlorine, bromine, iodine, or
- alkyl with up to 10 C atoms that is interrupted by one or more oxygen and/or sulphur atoms

as well as

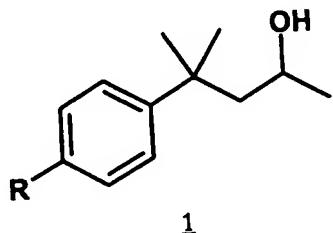
(b) a carrier substance compatible with component (a).

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20. (Amended) A deodorant according to claim 19 wherein said comprising a composition which is present in an amount sufficient to suppress growth of odor-causing bacteria on human skin, said composition comprising the following components:

(a) an antimicrobially active amount of one or more compounds of the Formula 1

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where R =

- hydrogen,
- hydroxyl,
- alkoxy group with up to 10 C atoms,
- straight-chain or branched, saturated or unsaturated alkyl with up to 10 C atoms,
- alkylthioether group with up to 10 C atoms, the alkylthioether group being bonded to the aromatic ring via a thioether bridge,
- fluorine, chlorine, bromine, iodine, or
- alkyl with up to 10 C atoms that is interrupted by one or more oxygen and/or sulphur atoms

as well as

- (b) a carrier substance compatible with component (a).

11.
21. (Amended) A method according to claim 3 9 wherein said microorganism population includes a bacteria.

22. (Cancelled)

23. (Cancelled)

12.
24. (Amended) A composition deodorant according to claim 6 19 wherein said carrier comprises water, an aqueous gel, an aqueous cream, or an oil-in-water emulsion.

13.
25. (Amended) A composition deodorant according to claim 6 19 in the form of a topically applied cosmetic formulation.

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26. (New) A method according to claim 21 wherein said bacteria causes underarm or foot odor.

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27. (New) A method according to claim 26 wherein said bacteria causes underarm odor.

29
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27. (New) A method according to claim 26 wherein said microorganism population comprises
Staphylococcus epidermidis, *Corynebacterium xerosis* or *Brevibacterium epidermidis*.

16
28. (New) A deodorant according to claim 19 wherein said compound is present in an amount sufficient to control odor-causing bacteria on underarm human skin.

17
29. (New) A deodorant according to claim 19 wherein said compound is present in an amount between 0.0069 and 20 wt% based on total weight.

18
30. (New) A deodorant according to claim 19 wherein said compound is present in an amount between 0.05 and 5 wt% based on total weight.

19
31. (New) A deodorant according to claim 19 wherein R = hydrogen.

20
32. (New) A deodorant according to claim 19 wherein R = hydroxyl.

21
33. (New) A deodorant according to claim 19 wherein
R = alkoxy group with up to 10 C atoms, or
straight-chain or branched, saturated or unsaturated alkyl with up to 10 C atoms.

22
34. (New) A deodorant according to claim 19 wherein said carrier comprises water, an aqueous gel, an aqueous cream, or an oil-in-water emulsion.

23
35. (New) A deodorant according to claim 20 wherein said compound is present in an amount between 0.0069 and 20 wt% based on total weight.

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36. (New) A deodorant according to claim 20 wherein said compound is present in an amount between 0.05 and 5 wt% based on total weight.

25
37. (New) A deodorant according to claim 20 wherein R = hydrogen.

26
38. (New) A deodorant according to claim 20 wherein R = hydroxyl.

27
39. (New) A deodorant according to claim 20 wherein
R = alkoxy group with up to 10 C atoms, or
straight-chain or branched, saturated or unsaturated alkyl with up to 10 C
atoms.

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40. (New) A deodorant according to claim 20 wherein said carrier comprises water, an aqueous gel,
an aqueous cream, or an oil-in-water emulsion.